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266
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November 8, 2002

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Art Unit: 2661

Confirmation No.: 3369

NOV 14 2002

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Utility Patent Application
Appl. No. 10/046,725; Filed: January 17, 2002
For: System and Method for a Guaranteed Delay Jitter Bound when
Scheduling Bandwidth Grants for Voice Calls via a Cable Network
Inventors: Gummalla *et al.*
Our Ref: 1875.0690001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449 with three (3) accompanying documents; and
3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Molly A. McCall

Molly A. McCall
Attorney for Applicants
Registration No. 46,126

RES/MAM/tc
Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gummalla *et al.*

Appl. No. 10/046,725

Filed: January 17, 2002

For: **System and Method for a
Guaranteed Delay Jitter Bound
when Scheduling Bandwidth
Grants for Voice Calls via a Cable
Network**

Confirmation No. 3369

Art Unit: 2661

Examiner: *To Be Assigned*

Atty. Docket: 1875.0690001

Information Disclosure Statement

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Commissioner for Patents
Washington, D.C. 20231

Technology Center 2600

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not

be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- 2. Filing under 37 C.F.R. § 1.97((b)). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
 - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was

first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

c. Attached is our Check No. _____ in the amount of \$ _____ in payment of the fee under 37 C.F.R. § 1.17(p).

□ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our Check No. _____ in the amount of \$ _____ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

- 5. The documents were cited in a search report by a foreign patent office in a counterpart foreign application. A copy of the search report is enclosed as document AT1 on the attached PTO-1449 Form.
- 6. A concise explanation of the relevance of the non-English language document(s) appears below:
- 7. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. _____, filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Molly A. McCall
Attorney for Applicants
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Date: November 8, 2002

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

 ATTY. DOCKET NO.
1875.0690001

 APPLICATION NO.
10/046,725

 APPLICANT
Gummalla et al.

 FILING DATE
January 17, 2002

 GROUP
2661

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1						
	AB1						
	AC1						
	AD1						
	AE1						
	AF1						
	AG1						NOV 13 2002
	AH1						
	AI1						Technology Center 2600
	AJ1						
	AK1						

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1						Yes
	AM1						No
	AN1						Yes
	AO1						No
	AP1						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Cohen, R., "An efficient scheme for accommodating synchronous traffic in a cable-modem network while avoiding segmentation of asynchronous packets," <i>Computer Communications</i> , Elsevier Science Publishers BV, Vol. 22, No. 5, April 15, 1999, pages 399-410.
AS	1	Sater, G., "Media Access Control Protocol Based on DOCSIS 1.1," <i>IEEE</i> [online], December 22, 1999 [retrieved September 16, 2002]. Retrieved from the Internet:<URL: http://grouper.ieee.org/groups/802/16/tcl/mac/contrib/802161mc-00_01.pdf >, pages 1-322.
AT	1	Copy of International Search Report issued September 25, 2002 for Appln. No. PCT/US02/01105, 4 pages.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.